MOTOROLA

USER'S GUIDE
MBP35
BABY MONITOR

USER'S GUIDE

The features described in this user's guide are subject to modifications without prior notice.

Welcome...

to your new Motorola Baby Monitor!

Thank you for purchasing the MBP35. Now you can see and hear your baby sleeping in the other room or you can monitor your older children in their playroom.

Please retain your original dated sales receipt for your records. For warranty service of your Motorola product, you will need to provide a copy of your dated sales receipt to confirm warranty status. Registration is not required for warranty coverage.

For product related questions, please call:

+49 (0) 1805 938 802 in Europe
Email: motorola@telemarcom.eu
On the Web: www.motorola.com

This User's Guide provides you with all the information you need to get the most from your product.

Before you can use the baby monitor, you'll need to insert and fully charge the battery on the Parent unit. Please read the Safety Instructions on page 6 before you install the units.

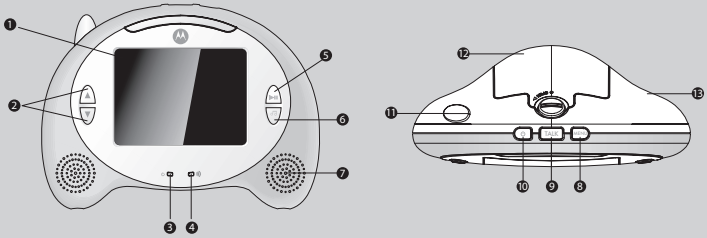
Got everything?

- 1 x Parent unit
- 1 x Baby unit
- 1 x Rechargeable Ni-MH battery pack for the Parent unit
- 1 x Power adapter for the Parent unit
- 1 x Power adapter for the Baby unit

IMPORTANT

The non-rechargeable batteries for the Baby unit are not supplied with your product. We recommend the batteries to be installed before use, so that the unit continues to work in the event of a mains power failure.

Overview of your Parent unit

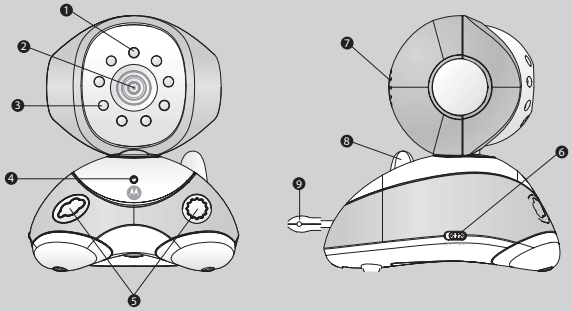


1. Display (LCD screen)
2. Up ▲ / Down ▼ keys
   Normal mode: Adjust speaker volume
   Menu mode: Adjust setting
3. Power and Low battery LED
4. VOX LED (for voice activation)
5. Lullaby Play/Stop key ▶II
   Press once to play lullaby.
   Press again to stop playing.
6. Lullaby selection key ♫
   Press to select a lullaby during playback.
7. Microphone
8. Menu key MENU
   Press to open the Menu options
9. Talk key TALK
   Press and hold to speak to your baby.
10. Power key ⏻
    Press to turn on the unit.
    Press and hold to turn it off.
11. Antenna
12. Battery cover
13. Speaker

Parent unit display symbols

	Indicates that the baby unit is out of range or not linked to the parent unit
	Appears when setting or displaying the temperature reading
HI	Indicates that the temperature is too high (Above 39ºC / 102ºF)
LO	Indicates that the temperature is too low (Below 15ºC / 59ºF)
	Appears when setting the Night Light function
	Indicates that the talk function is activated
	Appears when playing lullabies
	Appears when changing the lullaby
	Appears when adjusting the volume of the parent unit
	Appears when adjusting the brightness of the LCD

Overview of your Baby unit



1. Photo sensor
2. Camera lens
3. Infrared LEDs
4. Power LED
5. Night lights
6. On/Off switch
7. Speaker
8. Antenna
9. Temperature sensor

Important guidelines for installing your Baby Monitor

- To use your video monitor baby and parent unit together, you must be able to establish a radio link between them, and the range will be affected by environmental conditions.
- Any large metal object, like a refrigerator, a mirror, a filing cabinet, metallic doors or reinforced concrete, between the baby and parent unit may block the radio signal.
- The signal strength may also be reduced by other solid structures, like walls, or by radio or electrical equipment, such as TV's, computers, cordless or mobile phones, fluorescent lights or dimmer switches.
- Use of other 2.4GHz products, such as wireless networks, Bluetooth® systems or microwave ovens may cause interference with this product, so keep the baby monitor away from these types of products, or turn them off if they appear to be causing interference.
- If the signal is poor, try moving the parent and/or the baby unit to different positions in the rooms.

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1. Safety Instructions

WARNING

This baby monitor is compliant with all relevant standards regarding electromagnetic fields and is, when handled as described in the User's Guide, safe to use. Therefore, always read the instructions in this User's Guide carefully before using the device.

- Adult assembly is required. Keep small parts away from children when assembling.
- This product is not a toy. Do not allow children to play with it.
- This baby monitor is not a substitute for responsible adult supervision.
- Keep this User's Guide for future reference.
- Do not place the baby unit or cables in the cot or within arm's reach of the baby (the unit should be at least 1 metre away).
- Keep the cords out of reach of children.
- Do not cover the baby monitor with a towel or blanket.
- Never use extension cords with power adapters. Only use the power adapters provided.
- Test the baby monitor before use. Become familiar with its functions.
- Do not use the baby monitor near water.
- Do not install the baby monitor near a heat source.
- Only use the chargers and power adapters provided. Do not use other chargers or power adapters as this may damage the device and batteries.
- For the parent unit, only insert a rechargeable battery pack of the same type. For the baby unit, use non-rechargeable batteries and insert with the correct polarity, as indicated in the battery compartment and in "2.1 Baby unit battery installation".
- Do not touch the charger or plug contacts with sharp or metal objects.

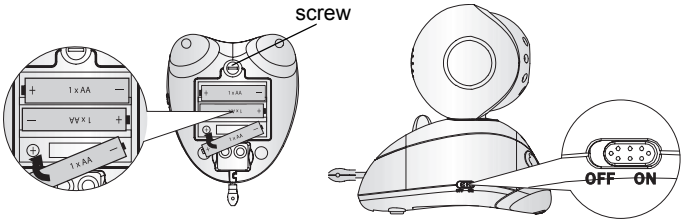
CAUTION

Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.

2. Getting started

2.1 Baby unit battery installation

The camera uses either 3 AA size batteries (non-rechargeable batteries recommended) or the household power mains. **The Baby unit has no charging function!**



IMPORTANT

The non-rechargeable batteries for the Baby unit are not supplied with your product. We recommend the batteries to be installed before use, so that the unit continues to work in the event of a mains power failure.

1. Loosen the screw in a counterclockwise direction using a small screwdriver. Remove the battery cover.
2. Install the 3 AA non-rechargeable batteries following the polarity as shown in the compartment. Close the battery compartment and tighten the screw in a clockwise direction.
3. Slide the power switch to the ON position. The power LED will light up in green.
   To switch off the baby unit, slide the power switch to the OFF position.

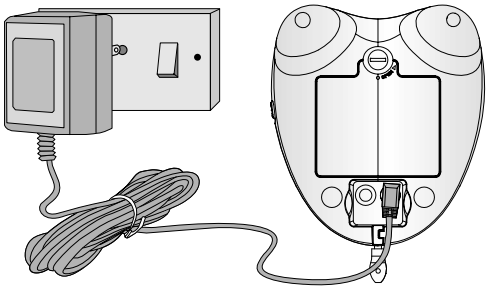
NOTE

When the battery level is low, the power LED will turn orange and will flash.

WARNING

Do not mix old batteries with new ones.
Keep batteries away from small children.
Do not short-circuit batteries or dispose of in fire.
Remove the batteries if this device is not going to be used for a long period of time.

2.2 Baby unit power supply



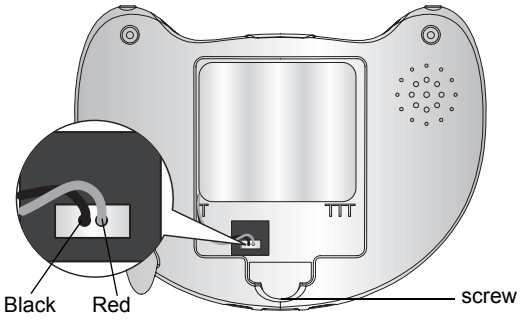
1. Connect the small plug of the power adapter to the baby unit and the other end to the mains socket (230V/50Hz).

NOTE

Only use the enclosed power adapter (6V DC / 1000mA).

2. Slide the power switch to the ON position. The power LED will light up in green.
3. To switch off the baby unit, slide the power switch to OFF position.

2.3 Parent unit battery Installation



1. Loosen the screw in a counterclockwise direction using a small screwdriver. Remove the battery cover.
2. Insert the wire tab of the rechargeable battery pack into the contact slot as shown above and fit the battery pack into the compartment.
3. Close the battery compartment and tighten the screw in a clockwise direction.
4. Press ⏻ once to switch ON the parent unit.
   - *It will take a few seconds to start up the unit.*
5. Press and hold ⏻ to switch OFF the parent unit.

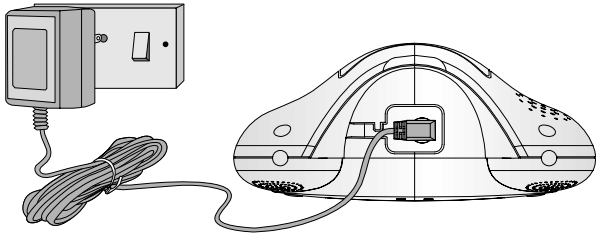
NOTE

When the battery level is low, the power LED will turn orange and will flash. Charge the battery pack for at least 15 hours before using on battery power only.

NOTE

When the unit is powered up with either the power adapter or using the rechargeable battery pack, the LED will light up in green. If both the power adapter and rechargeable battery pack are used, the LED will light up in red.

2.4 Parent unit power supply



1. Connect the small plug of the power adapter to the parent unit and the other end to the mains socket (230V/50Hz).

NOTE

Only use the enclosed power adapter (6V DC / 1000mA).

2. Press ⏻ to switch ON the parent unit. The power LED will light up in green.
3. Press and hold ⏻ to switch OFF the parent unit.

NOTE

Once the baby and parent units are switched on, the display on the parent unit will show the video captured by the baby unit.

When there is no connection or out of range, the *icon on the LCD display will flash and the parent unit will beep continuously. Move the parent unit closer to the baby unit until the link is re-established.*

2.5 Registration

The baby monitor is already pre-registered upon your purchase. You do not need to register it again unless the baby unit loses its link with the parent unit.

To re-register your baby monitor, follow the procedure below:

1. Switch off both the baby and parent units.
2. Press and hold MENU, and then press ⏻ on the parent unit, keeping the MENU held for more than 5 seconds after it switches on, until the power on LED flashes. The parent unit is then in registration mode.
3. Cover the camera lens on the baby unit with a black cloth or bag and then switch it on.
4. Wait for the 2 units to search and establish the link.
5. Remove the cover on the baby unit.

The registration is complete when the display screen on the parent unit captures the video from the baby unit's camera.

3. Using the Baby Monitor MBP35

3.1 Setting up

- Place the camera in a convenient location and point the lens of the camera towards the area you want to monitor.
- Tilt the head of the baby unit up or down to your desired position until the parent unit gets a good reception of the baby.

NOTE

Do not place the camera within baby's reach! If there is interference on the picture or sound, try moving the units to different locations, and ensure they are not close to other electrical equipment.

3.2 Night vision

The camera has 8 high-intensity infrared LEDs for picking up clear images in the dark. When the built-in photo sensor detects a low level of ambient light, the LEDs will automatically activate and the screen on the parent unit will display in black and white.

3.3 Talk function

Press and hold TALK on the Parent unit to talk to your baby through the Baby unit loudspeaker. The symbol will be displayed in the middle of the LCD screen.

NOTE

The lullaby will stop playing if the Talk function is activated.

3.4 Adjusting the volume of the parent unit

Press ▲ and ▼ to adjust the volume of the parent unit during normal operations.

3.5 Playing a lullaby for your baby

You can remotely activate a lullaby to be played on the baby unit.

1. Press ⏯ once on the parent unit to play the lullaby. Press ⏯ again to pause playback.
2. To select another lullaby, press ♫ during playback. There are 5 lullabies available for selection, indicated by 1, 2, 3, 4 or 5.
3. To play all lullabies, press ♫ until is displayed on the LCD screen.

TIPS

During the first 10 seconds of lullaby playback, pressing ▲ or ▼ will adjust the lullaby volume of the baby unit.

Pressing ▲ or ▼ after 10 seconds of lullaby playback will adjust the volume of the parent unit.

4. MBP35 Parent Unit Menu Options

4.1 Brightness

1. Press MENU repeatedly until appears on the LCD screen.
2. Press ▲ and ▼ to adjust the LCD brightness level to 1, 2, 3, 4, or 5 (the default setting is 3). The LCD brightness will be adjusted accordingly.
3. Press MENU repeatedly to exit.

4.2 Temperature display (°C or °F)

1. Press MENU repeatedly until appears on the LCD screen.
2. Press ▲ and ▼ to change the temperature display to °C, °F or OFF (the default setting is °C). The temperature unit and reading will be changed accordingly.
3. Press MENU repeatedly to exit.

NOTE

If the temperature goes above 39°C (102°F), HI appears on the LCD screen.

If the temperature goes below 15°C (59°F), LOW appears on the LCD screen.

4.3 Night Light

1. Press MENU repeatedly until appears on the LCD screen.
2. Press ▲ to turn the Baby unit Night Light ON or press ▼ to turn the Night Light OFF. The night lights on the baby unit will be switched on and off accordingly.
3. Press MENU repeatedly to exit.

4.4 Voice Activation

The sound detection sensitivity level (VOX) of the Baby Monitor can be adjusted. If the baby is a quiet sleeper, the sensitivity level can be increased so that minor disturbances can be detected and transmitted to the parent unit.

1. Press MENU repeatedly until **VOX** appears on the LCD screen. Press ▲ and ▼ to adjust the VOX level to **OFF**, **1**, **2**, **3**, **4** or **5** (the default setting is **OFF**).
When the VOX function is on (level **1** to **5**), the VOX LED will be turned on, and the LCD screen will switch off after a few seconds if the detected sound is below the level selected.
Note: Level **5** is the most sensitive and so will need to be the quietest before the LCD will switch off.

2. Press MENU repeatedly to exit.

NOTE

The LCD screen on the parent unit will be switched back on when the sound level of the baby reaches the VOX threshold or when any key on the parent unit is pressed.

5. Disposal of the device (environment)

At the end of the product lifecycle, you should not dispose of this product with normal household waste, but take the product to a collection point for the recycling of electrical and electronic equipment. The symbol on the product, user's guide and/or box indicates this.

Some of the product materials can be re-used if you take them to a recycling point. By reusing some parts or raw materials from used products you make an important contribution to the protection of the environment.

Please contact your local authorities in case you need more information on the collection points in your area.

Dispose of the batteries in an environmentally-friendly manner according to your local regulations.

6. Cleaning

Clean the MBP35 with a slightly damp cloth or with an anti-static cloth. Never use cleaning agents or abrasive solvents.

Cleaning and care

- Do not clean any part of the product with thinners or other solvents and chemicals –- this may cause permanent damage to the product which is not covered by the Warranty. When necessary, clean it with a damp cloth.
- Keep your MBP35 away from hot, humid areas or strong sunlight, and don't let it get wet.
- Every effort has been made to ensure high standards of reliability for your MBP35. However, if something does go wrong, please do not try to repair it yourself –- contact Customer Service for assistance.

7. Help

Display

No display

- Try recharging or replacing the batteries.
- Reset the units. Unplug the units' electrical power, including the batteries and both mains adapters, then plug them back in.
- Is the unit turned on?
  Press and release ⏻ on the parent unit to turn it on.

Registration

If the baby unit has lost its link with the parent unit

- Try recharging or replacing the batteries.
- If the baby unit is too far away it may be going out of range, so move the baby unit closer to the parent unit.
- Reset the units by unplugging the units' batteries and mains electrical power. Wait for around 15 seconds and plug it back in again. Allow up to one minute for the baby unit and the parent unit to synchronise.
- See "2.5 Registration" if there is a need to re-register the units.

Interference

Noise interference on your parent unit

- Your baby and parent units may be too close. Move them further away from each other.
- Make sure there is at least 1 metre between the 2 units to avoid feedback howling.
- If the baby unit is too far away it may be going out of range, so move the baby unit closer to the parent unit.
- Make sure the baby and parent units are not near other electrical equipment, such as a television, computer or cordless/mobile telephone.

8. General Information

If your product is not working properly....

1. Read this User's Guide or the Quick Start Guide.

2. Visit our website:
   www.motorola.com

3. Contact Customer Service at +49 (0) 1805 938 802 in Europe.
   Email: motorola@telemarcom.eu

To order a replacement battery, contact customer service or visit our website.

Consumer Products and Accessories purchased in Europe.

What Does this Warranty Cover?

Subject to the exclusions and limitations contained below, Binatone Electronics International LTD. warrants the Motorola branded consumer products that it manufactures ("Products") and the Motorola branded or certified accessories sold for use with these Products that it manufactures ("Accessories") to be free from defects in materials and workmanship under normal consumer usage for the period(s) outlined below. This limited warranty is a consumer's exclusive remedy, and only applies as follows to new Motorola branded Products and Accessories manufactured by Binatone Electronics International LTD., and purchased by consumers in Europe, which are accompanied by this written warranty:

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Products or Accessories Covered	Length of Coverage
Consumer Products	**Two (2) years** from the date of purchase by the first consumer purchaser of the product.
Consumer Accessories	**Ninety (90) days** from the date of purchase by the first consumer purchaser of the accessory.
Consumer Products and Accessories that are Repaired or Replaced	**The balance of the original warranty or for ninety (90) days** from the date returned to the consumer, whichever is longer.

Exclusions

Normal Wear and Tear. Periodic maintenance, repair and replacement of parts due to normal wear and tear are excluded from coverage.

Batteries. Only batteries whose fully charged capacity falls below 80% of their rated capacity and batteries that leak are covered by this limited warranty. Battery life and the changes in battery capacity with time or use are excluded from this warranty.

Abuse & Misuse. Defects or damage that result from: (a) improper or unreasonable use, operation, storage, misuse or abuse, accident or neglect or other external cause, such as physical damage (cracks, scratches, etc.) to the surface of the product resulting from misuse; (b) your failure to follow or operate outside the usage parameters stated in the user instructions that came with the Products or Accessories; (c) contact with liquid, water, rain, extreme humidity or heavy perspiration, sand, dirt or the like, extreme heat, or food; (d) use of the Products or Accessories for commercial purposes or subjecting the Product or Accessory to abnormal usage or conditions; or (e) other acts or omissions which are not the fault or neglect of Motorola or Binatone Electronics International LTD., are excluded from coverage.

Use of Non-Motorola branded Products and Accessories. Defects or damage that result from the use of Non-Motorola branded or certified Products or Accessories or other peripheral equipment are excluded from coverage.

Unauthorised Service or Modification. Defects or damages resulting from service, testing, adjustment, installation, maintenance, alteration, or modification in any way by someone other than Motorola, Binatone Electronics International LTD. or its authorised service centres, are excluded from coverage.

Altered Products. Products or Accessories with (a) serial numbers or date tags that have been removed, altered or obliterated; (b) broken seals or that show evidence of tampering; (c) mismatched board serial numbers; or (d) nonconforming or non-Motorola branded housings, or parts, are excluded from coverage.

Communication Services. Defects, damages, or the failure of Products or Accessories due to any communication service or signal you may subscribe to or use with the Products or Accessories is excluded from coverage.

How to Obtain Warranty Service or Other Information?

To obtain service or information, please call:

+49 (0) 1805 938 802 in Europe

You will receive instructions on how to ship the Products or Accessories, the shipment of which shall be at your own risk and expense, to a BINATONE ELECTRONICS INTERNATIONAL LTD. Authorised Repair Centre. To obtain service, you must include: (a) a copy of your receipt, bill of sale or other comparable proof of purchase of the Products or Accessories showing the date of purchase; (b) a written description of the problem; and, most importantly; (c) your address and telephone number.

These terms and conditions constitute the complete warranty agreement between you and BINATONE ELECTRONICS INTERNATIONAL LTD. regarding the Products or Accessories purchased by you, and supersede any prior agreement or representations, including representations made in any literature publications or promotional materials issued by BINATONE ELECTRONICS INTERNATIONAL LTD. or representations made by any agent employee or staff of BINATONE ELECTRONICS INTERNATIONAL LTD., that may have been made in connection with the said purchase.

Technical Specifications

Baby unit

Frequency	2.4GHz to 2.4835GHz
Maximum range	Extended range up to 450 feet* *Based on unobstructed line of sight. Actual range will vary depending on surroundings.
Image sensor	Colour CMOS
Lens	f 2.5mm, F 2.8
IR LED	8 pcs
Power	Adapter: DC 6V, 1.0 A (Model: Kings, KSS12_060_1000G) OR Battery: 3xAA non-rechargeable batteries *(Note: Batteries are not included)*

Parent unit

Frequency	2.4GHz to 2.4835GHz
Display	3.5" TFT LCD
Display colours	16.7M colour LCD
Brightness control	5 steps
Power	Adapter: DC 6V, 1.0 A (Model: Kings, KSS12_060_1000G) OR Battery: NiMH rechargeable battery pack (Model: Desay battery = AA2000) ***WARNING*** *Do not use non-rechargeable batteries for the Parent Unit. Risk of explosion if battery is replaced by an incorrect type. Dispose of used batteries according to the instructions.*

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Binatone

EC Declaration of Conformity

We the manufacturer / Importer : Binatone Telecom Plc
1 Apsley Way London
NW2 7HF, United Kingdom.

Declare under our sole responsibility that the following product

Type of equipment:	Digital Baby Monitor
Model Name:	MBP 35
Country of Origin:	China
Brand:	Motorola

complies with the essential protection requirements of R&TTE Directive 1999/5/EC on the approximation of the laws of the Member States relating to ***Radio Spectrum Matters***, the Council Directive 2004/108/EC on the approximation of the laws of the Member States relating to ***electromagnetic compatibility (EMC)*** and the European Community Directive 2006/95/EC relating to ***Electrical Safety.***
Assessment of compliance of the product with the requirements relating to the essential requirements according to Article 3 R&TTE was based on Annex III of the Directive 1999/5/EC and the following standard:

Radio Spectrum:	EN300328 V1.7.1:2006
EMC:	EN 301489-1:V1.8.1:2008; EN301489-17 V1.3.2:2008
Electrical Safety:	EN 60950-1:2006

The product is labelled with the European Approval Marking CE as show. Any Unauthorized modification of the product voids this Declaration.

CE

Manufacturer / Importer
(Signature of authorized person)

Signature: (K.H.Mueller, CT0)

London, 21 May 2009

Place & Date:

MOTOROLA

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CE

Version 1.0

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